Date: December 22, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE AP20 Rec'd PUT/PTO 22 DEC 2005

Patent Application

Applicants(s): Robert John Kopmeiners

Tim Schenk

Allert Van Zelst

Case:

Kopmeiners 8-3-4

Serial No.:

Unassigned

Filing Date:

Concurrently Herewith

Group: Examiner: Unassigned Unassigned

Title:

Methods and Apparatus for Backwards Compatible Communication in a Multiple

P.O. Box 1450, Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents,

Antenna Communication System Using Time Orthogonal Symbols

Signature: _

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant's attorney wishes to bring to the attention of the Patent and Trademark Office the following document listed on the accompanying PTO Form 1449.

U.S. Patent Application(s)

1. U.S. Patent Application Publication No. 2003/016621

A copy of the listed item is enclosed.

Other Documents

- 2. Shin et al., "A New Training Symbol Structure to Enhance the Peformance of Channel Estimation for MIMO-OFDM Systems," IEEE International Conference on Acoustics, Speech, and Signal Processing Proceedings (ICASSP), Vol. 1 of 6, pgs. IV397-IV400 (April 6, 2003).
- (ICASSP), Vol. 1 of 6, pgs. IV397-IV400 (April 6, 2003).
 3. Sun et al., "Training Sequence Assisted Channel Estimation for MIMO OFDM," Wireless Communications and Networking, pgs. 38-43 (March 16, 2003).

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability or that no other material information exists.

10/562620

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In the event of any non-payment or improper payment of a required fee, the Commissioner is hereby authorized to charge or to credit **Deposit Account No. 50-0762** as required to correct the error. A duplicate copy of this letter is enclosed.

Respectfully submitted,

Kevin M. Mason

Date: December 22, 2005

Attorney for Applicant

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FORM PTO-1449 (MODIFIED)

LIST OF PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

Applicant: Robert John Kopmeiners 5

Tim Schenk

Allert Van Zelst Case: Serial No.:

Kopmeiners 8-3-4

Filing Date: Group:

Unassigned

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUBCLASS	FILING DATE IF APPROPRIATE
/C.E./	2003/016621	01/23/03	Li	370/203	05/21/01
1		FOR	EIGN PATENT DO	CUMENTS	
EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION YES NO
			OTHER DOCUM	ENTS	
EXAMINER INITIAL	REF NO. AUTH	ior, title, date, pi	ERTINENT PAGES, ETC.		
/C.E./	Shin et al., "A New Training Symbol Structure to Enhance the Peformance of Channel Estimation for MIMO-OFDM Systems," IEEE International Conference on Acoustics, Speech, and Signal				
<u>/C.E</u> ./	Processing Proceedings (ICASSP), Vol. 1 of 6, pgs. IV397-IV400 (April 6, 2003). Sun et al., "Training Sequence Assisted Channel Estimation for MIMO OFDM," Wireless Communications and Networking, pgs. 38-43 (March 16, 2003).				

/Candal Elpenord/

12/18/2007

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.